

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|--|------------------|---------|------------------|
| L1 | 3266 | (710/34,35,52,53,58,60).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 10:57 |
| L2 | 376 | (710/60).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 10:59 |
| L4 | 10231 | ((370/229,230,232,235) or (710/1,29,33,35,52,57)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/05 11:53 |
| L5 | 4220 | (714/100,1,2,3,5,48,57).ccls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/05 11:53 |
| L6 | 30 | L1 AND L5 AND L4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/05 11:53 |
| L7 | 15017 | L1 L5 L4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/05 11:53 |
| L8 | 27 | L7 AND (buffer SAME rate SAME (vector bit) SAME register SAME (threshold watermark level limit full)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/05 12:11 |
| L9 | 296 | L7 AND (buffer SAME (vector bit) SAME register SAME (threshold watermark level limit full)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/05 12:11 |
| L10 | 23 | L7 AND (buffer SAME speed SAME (vector bit) SAME register SAME (threshold watermark level limit full)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/05 12:11 |

EAST Search History

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| L11 | 100 | L7 AND (((determin\$3 detect\$3) WITH (hung\$3 hang\$3 idle fault error)) SAME (buffer) SAME (pointer handle)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/05 12:33 |
| L12 | 17 | L7 AND (((determin\$3 detect\$3) WITH (hung\$3 hang\$3 idle fault error)) SAME (buffer) SAME (pointer handle) SAME (static idle stationary immobile)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/05 12:34 |
| L13 | 3 | L7 AND (((determin\$3 detect\$3) WITH (hung\$3 hang\$3 fault error)) SAME (buffer) SAME (pointer handle) SAME (static idle stationary immobile)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/05 12:34 |
| L14 | 86 | L7 AND (((determin\$3 detect\$3) WITH (hung\$3 hang\$3 fault error)) SAME (buffer) SAME (pointer handle)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/05 12:34 |
| L15 | 8 | static ADJ3 buffer ADJ3 (pointer handle address) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/05 12:35 |
| S1 | 1119 | write near combin\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/02 11:53 |
| S34 | 0 | ("5948081.pn.").PN. | USPAT | OR | OFF | 2007/05/02 11:53 |
| S35 | 1 | "5948081".pn. | USPAT | OR | ON | 2007/05/02 11:53 |
| S36 | 102 | ((control\$5 modif\$9 adjust\$6) NEAR5 (data NEAR3 flow\$4)) AND (((burst NEAR buffer) buffer\$3 queu\$5) NEAR8 ((threshold limit) NEAR10 (overflow\$4 overrun\$3))) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/02 11:58 |
| S37 | 63 | ((control\$5 modif\$9 adjust\$6) NEAR5 (data NEAR3 flow\$4)) AND (((burst NEAR buffer) buffer\$3 queu\$5) NEAR8 ((threshold limit) NEAR10 (overflow\$4 overrun\$3))) | USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/02 12:01 |
| S38 | 2 | "760019".ap. | US-PGPUB | OR | ON | 2007/05/02 12:17 |
| S39 | 165 | (buffer) SAME (threshold watermark) SAME (delay\$3 slow\$3) SAME (bus) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 14:55 |
| S40 | 20 | S39 SAME (flow) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 14:59 |

EAST Search History

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|-----|-------|---|---|----|-----|------------------|
| S41 | 109 | buffer NEAR3 full NEAR3 (stop slow delay prevent) NEAR3 (data packet) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 15:02 |
| S42 | 0 | S41 WITH threshold | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 15:02 |
| S43 | 131 | buffer NEAR3 (full threshold) NEAR3 (stop slow delay prevent) NEAR3 (data packet) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 16:20 |
| S44 | 10161 | ((370/229,230,232,235) or (710/1,29,33,35,52,57)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/22 15:11 |
| S45 | 24 | S43 AND S44 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 15:11 |
| S46 | 98 | xon SAME xoff SAME (flow NEAR control) SAME buffer | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 15:25 |
| S47 | 30 | S44 AND S46 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 15:25 |
| S48 | 570 | (buffer queue cue) NEAR3 (full threshold) NEAR3 (stop\$4 slow\$3 hold\$3 delay control\$4 prevent\$3) NEAR3 (data frame datagram byte packet) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 16:21 |
| S49 | 35 | S48 NEAR3 (amount) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/22 16:28 |

EAST Search History

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|-----|-------|--|---|----|-----|------------------|
| S50 | 50 | ("20050160205" "5485582" "5666509" "5884027" "6584586" "20040068590" "20050044448" "5950212" "6918005" "20050047783" "5201052" "5485592" "5603035" "5786825" "20030181994" "20040193763" "20050198458" "20060059406" "4214305" "5276851" "5341479" "5353416" "5379381" "5404480" "5428749" "5440682" "5483640" "5579530" "5790137" "5860112" "5893135" "5931926" "5941964" "6057862" "6081883" "6173355" "6237108" "6247095" "6253271" "6381661" "6476854" "6587929" "6587961" "6636928" "6717583" "6738836" "6862639" "6950908" "7093043" "7155572").pn. | US-PGPUB; USPAT | OR | ON | 2007/05/23 10:32 |
| S51 | 48 | ("5875289" "6212567" "5692211" "20050160205" "5832243" "5881253" "6085274" "5906659" "5983025" "6138192" "6189082" "5987539" "6021473" "5768545" "5862206" "5894587" "5922046" "5943500" "5966546" "6067563" "6115775" "6212567" "6247088" "5778236" "5812150" "5818464" "5850571" "5892978" "5897667" "5918025" "5941960" "5946715" "5995080" "6076139" "6112266" "6118462" "6199131" "6212590" "6212590" "6247086" "6304935" "6308237" "6356963" "6466993" "6529980" "20030135742" "20050188105" "5448704" "5845153" "5815456").pn. | US-PGPUB; USPAT | OR | ON | 2007/05/23 10:31 |
| S52 | 8 | S50 AND (threshold watermark) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/23 10:34 |
| S53 | 11 | S51 AND (threshold watermark) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/23 10:34 |
| S54 | 1053 | (slow\$3 hold\$3 control\$3) WITH data with (rate speed) with (full threshold watermark) with (buffer memory fifo queue que cue) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/23 11:07 |
| S55 | 10161 | ((370/229,230,232,235) or (710/1,29,33,35,52,57)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/23 11:08 |
| S56 | 87 | S54 AND S55 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/23 11:08 |
| S58 | 1 | threshold AND (richard AND franklin).xa. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/23 11:18 |
| S59 | 32 | S54 WITH error | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/23 12:28 |

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|-----|-----|--|--|----|----|------------------|
| S60 | 2 | "760019".ap. | US-PGPUB | OR | ON | 2007/05/23 12:29 |
| S61 | 1 | S60 AND error | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/25 12:39 |
| S62 | 41 | set\$4 NEAR4 error NEAR4 (threshold watermark) NEAR4 (buffer memory) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/23 13:39 |
| S63 | 275 | error NEAR2 (memory buffer) NEAR2 (full threshold watermark) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/23 14:19 |
| S64 | 187 | error NEAR2 (memory buffer) NEAR2 (full) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/23 14:16 |
| S65 | 6 | S64 WITH over\$1run | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/23 14:19 |
| S66 | 6 | S63 WITH over\$1run | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/23 14:19 |
| S67 | 16 | error WITH (memory buffer) WITH (full threshold watermark) WITH (over\$1run) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/23 16:32 |
| S68 | 220 | buffer NEAR2 overflow NEAR2 error | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/23 16:12 |
| S69 | 5 | S68 AND S55 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/23 16:28 |
| S70 | 70 | error WITH (memory buffer) WITH (full threshold watermark) WITH (over\$1flow\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/23 16:33 |

EAST Search History

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|-----|------|---|--|----|----|------------------|
| S71 | 119 | register NEAR3 vector NEAR3 scan\$3 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 09:58 |
| S72 | 126 | register NEAR3 vector NEAR3 scan\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 10:00 |
| S73 | 4205 | (714/100,1,2,3,5,48,57).ccls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/05 10:57 |
| S74 | 1 | S72 AND S73 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 10:00 |
| S75 | 9 | register WITH vector WITH scan\$4 WITH error | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 10:00 |
| S76 | 89 | (error fault) WITH (recover\$3 correct\$3) WITH (over\$1run over\$1flow) WITH (buffer FIFO queue cue) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/25 12:02 |
| S77 | 2317 | buffer SAME register SAME vector | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/25 12:36 |
| S78 | 172 | S77 SAME scan\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/25 12:35 |
| S79 | 88 | buffer SAME (scan\$4 WITH register) SAME vector | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/25 12:40 |
| S80 | 39 | almost WITH full WITH vector | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/25 12:36 |
| S81 | 2 | "760019".ap. | US-PGPUB | OR | ON | 2007/05/25 12:39 |

EAST Search History

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|-----|---------|---|--|----|----|------------------|
| S82 | 1 | S81 AND vector | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/25 12:39 |
| S83 | 114 | buffer SAME (scan\$4 WITH register) SAME (full) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/25 12:40 |
| S84 | 62 | (buffer WITH full) SAME (scan\$4 WITH register) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/25 12:41 |
| S85 | 1 | static WITH pointer WITH (stall\$3 hang\$3 hung\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/25 15:21 |
| S86 | 293 | static SAME pointer SAME (stall\$3 hang\$3 hung\$3 error fault) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/25 15:23 |
| S87 | 28 | S86 SAME (flush\$3 clear\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/25 15:23 |
| S88 | 1016874 | (buffer queue cue que fifo) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/25 15:34 |
| S89 | 1 | S87 SAME (pointer handle) SAME (hang\$3 hung\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/25 15:34 |
| S90 | 193 | S88 SAME (pointer handle) SAME (hang\$3 hung\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/25 15:52 |
| S91 | 25 | S88 WITH (pointer handle) WITH (hang\$3 hung\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/25 15:53 |

EAST Search History

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|----------|---------|--|--|----|----|------------------|
| S92 | 5935958 | (full (almost adj full) threshold watermark level ceiling maximum max limit) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/01 14:39 |
| S93 | 1541 | arbitrat\$3 WITH bus WITH S92 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/01 14:40 |
| S94 | 63 | arbitrat\$3 WITH bus WITH threshold | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/01 14:40 |
| S95 | 81 | S93 WITH buffer | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/01 14:40 |
| S96 | 0 | (10/715266).APP. | USPAT; USOCR | OR | ON | 2007/06/01 14:42 |
| S97 | 26 | buffer WITH monitor WITH error WITH processor | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/02 13:01 |
| S98 | 1 | ("6347337").PN. OR ("6975593").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 13:17 |
| S99 | 5 | buffer WITH (clear flush) WITH timeout WITH timer | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/02 13:21 |
| S10 0 | 16 | buffer WITH (clear\$3 flush\$3 burst\$3 empty\$3) WITH timeout WITH timer | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/02 14:13 |
| S10 1 | 11 | S100 NOT S99 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/02 13:22 |
| S10 2 | 90 | buffer WITH (clear\$3 flush\$3 burst\$3 empty\$3) WITH timeout | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/02 14:13 |
| S10 3 | 8 | ((LIH-CHUNG) near2 (KUO)).INV. | US-PGPUB; USPAT | OR | ON | 2007/06/02 15:28 |
| S10 4 | 10 | ((ANDREW) near2 (MOY)).INV. | US-PGPUB; USPAT | OR | ON | 2007/06/02 15:29 |

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|----------|-----|--|--|----|----|------------------|
| S10 5 | 16 | ((CAROL) near2 (SPANEL)).INV. | US-PGPUB; USPAT | OR | ON | 2007/06/02 15:35 |
| S10 6 | 42 | ((ANDREW) near2 (WALLS)).INV. | US-PGPUB; USPAT | OR | ON | 2007/06/02 15:35 |
| S10 7 | 100 | static with buffer with pointer | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/02 16:23 |
| S10 8 | 1 | S107 WITH (flush\$3 clear\$3 empty\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/02 16:22 |
| S10 9 | 4 | S107 SAME (flush\$3 clear\$3 empty\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/02 16:22 |
| S11 0 | 0 | S107 WITH (error fault) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/02 16:23 |
| S11 1 | 7 | S107 SAME (error fault) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/02 16:23 |
| S11 2 | 7 | static ADJ3 (buffer NEAR3 pointer) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/02 16:24 |
| S11 3 | 17 | (static ADJ3 pointer) WITH buffer | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/02 16:25 |
| S11 4 | 8 | set WITH almost WITH full WITH bit WITH buffer WITH register | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/02 17:12 |
| S11 5 | 209 | set\$4 WITH full WITH bit WITH buffer WITH register | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/02 17:13 |

EAST Search History

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|----------|----|--|--|----|----|------------------|
| S11 6 | 2 | S115 SAME scan\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/02 17:13 |
| S11 7 | 0 | bus WITH (hung hang) WITH buffer WITH flush | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/02 17:36 |
| S11 8 | 1 | bus WITH (hung hang) WITH buffer WITH (flush\$3 clear\$3 empty\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/02 17:37 |
| S11 9 | 1 | bus WITH (hung\$3 hang\$3) WITH buffer WITH (flush\$3 clear\$3 empty\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/02 17:37 |
| S12 0 | 18 | (hung\$3 hang\$3) WITH buffer WITH (flush\$3 clear\$3 empty\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/02 17:40 |